

PHF1 (K381) polyclonal antibody

Catalog: BCP01299

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

PHF1 (PHD protein finger 1), also known as polycomb-like protein 1 or hPC11, is a 567 amino acid member of the PHD finger protein family. Members of the PHD finger protein family function as transcriptional regulators that affect gene expression by modulating chromatin structure. With a subcellular localization to the nucleus, PHF1 is widely expressed in tissues, with high expression in pancreas, heart and skeletal muscle and low expression in liver, lung, kidney, brain and placenta. PHF1 contains 2 PHD-type zinc finger domains, which may contribute to the transcriptional activity of PHF1. PHF1 is thought to interact with ENX-1, a component of PRC2 (polycomb repressive complex 2), increasing the gene silencing activity of PRC2. PHF1 exists as two isoforms produced by alternative splicing.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 62 kDa

Swiss-Prot:

O43189

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PHF1 (K381) polyclonal antibody detects endogenous levels of PHF1 protein.

DATA:

Western blot (WB) analysis of PHF1 pAb at 1:500 dilution

Lane1:DLD whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:CT26 whole cell lysate(40ug)

Immunohistochemistry (IHC) analyzes of PHF1 (K381) pAb in paraffin-embedded human heart tissue.

Note:

For research use only, not for use in diagnostic procedure.